

PLEASE



MONTANA DEPARTMENT OF HEALTH
AND ENVIRONMENTAL SCIENCES

Monthly Activities Report
of the Air Quality Bureau

November, 1978

STATE DOCUMENTS COLLECTION

JAN 14 1979

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1. Highlights:

The Board of Health met November 16-18 to consider proposed rules, variances and State Implementation Plan proposals.

One of the Environmental Engineers resigned to accept a position as Director of the Spokane County Air Pollution Agency. The Air Quality Bureau is presently recruiting to fill this vacancy.

2. Ambient Air Quality Network:

Hi-vol standards exceeded	City	Station	Date	150 ug/m ³ State Standard
	Anaconda	Hiway Jct.	11/4	155
	Butte	Hebgen Park	11/1	158
			11/2	154
	Col. Falls	Anders	11/16	152
	Libby	Brown	11/4	167
			11/12	443
			11/16	179
	Ronan		11/16	170
	Thos. Falls	Lodge Motel	11/4	367

SO ₂ (East Helena)	Microwave	East Station	Boudry
State 1-hr.	0	0	0
State 24-hr.	0	0	0
Federal 3-hr.	0	0	0
Federal 24-hr.	0	0	0

SO ₂ (ppm)	Mill Creek	Hwy. Junction	Lincoln School
Highest 24-hr av.	0.30	0.90	0.14
Highest 1-hr av.	1.00	2.75	0.80
No. of 1-hr over 0.25	15	63	9

NO ₂	Lincoln School
Highest 1-hr av.	0.050
Highest 24-hr av.	0.036

b. Air Stagnation Advisories: None in November

c. Laboratory Status

Total samples for month	337
Total determinations for month	1741

3. Permits and Tax Credits:

a. Construction Permits applied for:

Kenco Refining Inc., Wolf Point, refinery equipment
Hilde Construction Co., Carbon Co., portable gravel crusher
Baltrusch Construction, Beaverhead Co., portable asphalt batch plant
Anaconda Reduction Dept., Anaconda, alter baghouse at smelter
Anaconda Reduction Dept., Anaconda, Incinerator
Buttrey Food Store #21, Wolf Point, Incinerator

Construction Permits Approved:

Hilde Construction, Carbon Co., portable gravel crusher
Cominco American, Powell Co., crushing unit

c. Tax Credits: None in November

4. Variance Status:

a. Current

Hearing was scheduled for Anaconda Company SO₂ variance in November. The variance was approved.

ASARCO was granted a one year variance from July 1, 1978 through June 30, 1979.

b. New - none

5. Enforcement Action:

a. Citations - None

b. Notice of Violations - None

c. Orders - None

d. Court Actions - None

Warning letters were written to: Helena Sand and Gravel
Empire Sand and Gravel
Baltrusch Construction
Larry's Post and Pole

6. Tepee Burners and Open Burning:

Tepee Burners:	No. at start	41
	New starts	0
	Shutdowns	0
	No. at end	41

Open burning permits

Kalispell Office	113	Missoula Co.	30
Lake County	4	Cascade Co.	4
Lincoln County	41	Yellowstone Co.	15
Sanders County	35	Rest of State	319
		Total	561

7. Source Tests Performed:

a. Agency Source Tests - None

b. Non agency source tests:

On November 28 and 29, 1978, EERC of Billings compliance-tested Colstrip Units 1 and 2 for particulate, SO₂ and NO_x. The results are pending.

8. Field Investigations: None made in November

9. Complaints:

BN, Big Sky, smoke, called BN--they will cease burning
Individual, Kalispell, burning, investigation
Burlington Northern, Kalispell, burning, investigation
ASARCO, East Helena, smog, investigation
Homestead Subdivision, Billings, burning leaves, referred to County
Farr Feeds, Billings, flour dust, referred to County

10. Data Processing Services:

a. Ambient Data Summary - not available due to changeover in computer system.

b. Emission Inventory Status:

Deer Lodge County updates were received and processed.

c. Prevention of Significant Deterioration

A great deal of time was spent on proposed rule for Montana.

d. Modeling

Additional information was received and reviewed on Anaconda Company SO₂ modeling. Testimony was prepared and presented to the Board in support of modeling.

Additional information was received and reviewed on ASARCO new stack and SO₂ modeling. Testimony was prepared and presented to the Board in support of ASARCO's work.

11. Environmental Impact Statements

- a. Agency Impact Determinations - None
- b. Other Agency EIS's Reviewed: None

12. Status of Studies, Contracts and Reports

Poplar River Study continues to operate well.

Flathead Study is operating well; all equipment is working.

MAPS - meteorology studies continue to operate well.

- Historical emission inventory will not continue to Phase II.

Network Review - about 45 percent complete. Data analysis is necessary for present stations to evaluate whether they should be continued.

13. Schools and Training:

None in November

14. Public Hearings and Meetings:

- a. Public Hearings Held: Board of Health hearing was held November 16-18 to consider proposed rules and sections of the SIP and variances.

b. Meetings Attended:

Montreal Eng. Co., Helena, regarding coal mine monitoring in Montana
Peabody Coal, Helena, regarding mine expansion
BLM and USFS, Butte, regarding burning
State Airshed, Missoula, proposed rules
Industry officials, Billings, rules
SIP workshop, Butte, interested public
Highway Department and Butte Planning, Helena, airborne particulate rule
EPA, Helena, regarding SIP
Anaconda Company, Helena, SO₂ modeling
"Clean Air for Montana" Billings, regarding Billings area problems
Industry, Billings, regarding odor problems
Amoco Minerals, Helena, uranium mining in Texas and tentative move to Montana
Exxon, Billings, applications and projects

c. Intra-Staff Meetings

Bureau staff meetings
MAPS Staff meetings
Legal Division

15. Public Information Requests:

Rules	5
Clean Air Act	2
Proposed rules sent to mailing list and Board	

16. NA

17. Other - None

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